

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF GENERAL SERVICES  
DIVISION OF PURCHASES AND SUPPLY  
P.O. BOX 1199  
RICHMOND, VIRGINIA 23218-1199

**CONTRACT AWARD**

1. DATE ..... May 1, 2006
2. COMMODITY NAME..... Traffic Radar, Equipment & Supplies
3. CONTRACT NUMBER..... E194-304-1, E194-305-1 and E194-306-1
4. SUPERSEDES ..... 6807701-60
5. CONTRACT PERIOD ..... July 1, 2006 through June 30, 2007
6. AUTHORIZED USERS ..... State Agencies and Other Public Bodies
7. CONTRACTOR'S FEI NUMBER ..... See Attached
8. CONTRACTOR..... See Attached
10. TERMS ..... Net 30
11. DELIVERY..... 30 Days ARO
12. F.O.B. .... Delivered
13. MINIMUM ORDER..... N/A
14. FOR FURTHER CONTRACT INFORMATION CONTACT: Edwin Patterson  
Phone: (804) 786- 3897 Fax: (804) 786-0223  
Email: [edwin.patterson@dgs.virginia.gov](mailto:edwin.patterson@dgs.virginia.gov)
15. VIEW/PRINT THIS CONTRACT AND ANY CHANGES AT: [www.eva.state.va.us](http://www.eva.state.va.us)
16. NOTICE TO ALL STATE AGENCIES: This contract is the result of a competitive bid program and its use is mandatory for all State Agencies (unless otherwise indicated in item 6 above) in the purchase of any commodity listed herein. If the commodity or services available under this contract cannot be used by an agency, a request to purchase other goods or services of a similar nature shall be submitted to the appropriate DGS/DPS contract/purchase officer for approval. A complete and factual written justification is necessary to support the request. Refer to Section 13.7a of the Agency Procurement and Surplus Property Manual.
17. **Note:** This public body does not discriminate against faith-based organizations in accordance with the *Code of Virginia*, § 2.2-4343.1 or against a bidder or offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

BY: \_\_\_\_\_  
Statewide Commodity Contract Officer

## **INSTRUCTIONS**

### **1. ORDERS:**

- A. Unless otherwise instructed by the Division of Purchases and Supply, all departments, institutions and agencies of the Commonwealth of Virginia will order items/services through eVA.
- B. If this contract is authorized for use by localities, Virginia cities, counties, towns and political subdivisions, orders will be placed through eVA to the maximum extent possible.
2. The applicable contract number, federal employer identification number (FEI), and item number (for itemized contracts) must be shown on each purchase order and copy, each facsimile transmission or given verbally when telephonic orders are placed.
3. Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia city, county, town or political subdivision.
4. Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786-8873).
5. Renewals. Four (4), one year renewals remain. The decision as to whether to exercise the next renewal option will be made by the contract officer approximately four to six months in advance of the expiration date of the current term.
6. Price Adjustments. During the current term of the contract, price escalation may be allowed every 365 days, if justified. The contract officer makes the decision to allow or deny a request for increase based upon the documentation submitted by the contractor. The contractor is required to pass on any price reductions immediately. **IMPORTANT!** All price increases must be approved by the contract officer. Contract users will be sent a Notice of Contract Change from this office as official notification of such changes, if approved.



## **CONTRACTORS LISTING**

### **FIN #**

43-1757730

#### **KUSTOM SIGNALS, INC.**

9325 PFLUMM  
LENEXA, KANSAS 66215-3347  
VENDOR CONTACT: MIKE PEINE  
PHONE: (913) 492-1400  
FAX: (913) 492-1703  
E-MAIL: [info@kustomsignals.com](mailto:info@kustomsignals.com)  
WEBSITE: [www.kustomsignals.com](http://www.kustomsignals.com)

37-1089661  
Duns #049751001

#### **DECATUR ELECTRONICS, INC.**

715 BRIGHT STREET  
DECATUR, IL 62522  
VENDOR CONTACT: KATHY LECOUNT  
PHONE: (800) 428-4315  
FAX: (217) 428-5302  
E-MAIL: [klecount@decaturelectronics.com](mailto:klecount@decaturelectronics.com)

611205274

#### **MPH INDUSTRIES, INC.**

316 EAST 9<sup>TH</sup> STREET  
OWENSBORO, KY 42303  
VENDOR CONTACT: KELLY CONRAD  
PHONE: (888) 689-9222, Ext. 364  
FAX: (270) 685-6288  
E-MAIL: [klconrad@mphindustries.com](mailto:klconrad@mphindustries.com)

**PRICING SHEETS**

**Master Agreement – E194-304-1**  
**Vendor - Kustom Signals, Inc.**

**COMMODITY INFORMATION**

**DESCRIPTION: SURVEILLANCE AND COUNTER SURVEILLANCE EQUIPMENT AND SUPPLIES.**

**Line Item #: 1**

**Commodity #:** 68087

**Extended Description:** Traffic Radar, Kustom Signals Eagle II. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,250.00

**Line Item #: 2**

**Commodity #:** 68087

**Extended Description:** Traffic Radar, Kustom Signals Eagle Plus II. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,325.00

**Line Item #: 3**

**Commodity #:** 68087

**Extended Description:** Traffic Radar, Kustom Signals Eagle Plus II. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,425.00

**Line Item #: 4**

**Commodity #:** 68087

**Extended Description:** Traffic Radar, Kustom Signals Directional Golden Eagle II. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,795.00

PRICING SHEETS - continued

**Line Item #: 5**

Commodity #: 68087

Extended Description: Traffic Radar, Kustom Signals Falcon. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

Unit: Each

**Unit Price: \$808.00**

**Line Item #: 6**

Commodity #: 68087

Extended Description: Traffic Radar, Kustom Signals HR-12. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

Unit: Each

**Unit Price: \$1,262.00**

**Line Item #: 7**

Commodity #: 68087

Extended Description: Traffic Radar, Kustom Signals Pro-1000 (DS). Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

Unit: Each

**Unit Price: \$853.00**

**Line Item #: 8**

Commodity #: 68087

Extended Description: Traffic Radar, Kustom Signals Talon II. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

Unit: Each

**Unit Price: \$1,095.00**

**Line Item #: 9**

Commodity #: 68087

Extended Description: Traffic Radar, Kustom Signals Directional Talon. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

Unit: Each

**Unit Price: \$1,550.00**

# Falcon Radar System Specifications

## System—General

<b>Measurement:</b>	Available in miles or kilometers per hour.
<b>Style:</b>	Handheld Stationary.
<b>Type:</b>	True Doppler Radar.
<b>Operating Frequency:</b>	24.15 GHz (K-Band) $\pm 100$ MHz.
<b>Operating Environment:</b>	-22°F to +158°F (-30°C to +70°C); 90% relative humidity at +99°F (+37°C), non-condensing.
<b>Electronic Components:</b>	100% Solid State.
<b>Power Requirements:</b>	10.8 to 16.5 VDC, 1.5A maximum.
<b>Reverse Polarity Protection:</b>	No damage will result, due to reversal of power supply.

## Antenna

<b>Antenna Type:</b>	Circular polarized, conical horn.
<b>Microwave Source:</b>	Gunn-Effect Diode.
<b>Power Output:</b>	12 mW typ., 50 mW max.
<b>Power Density:</b>	.31 mW/cm <sup>2</sup> typ., 1.3 mW/cm <sup>2</sup> max. (measured at antenna face).
<b>Beam Width:</b>	12°. Variance $\pm 1^\circ$ at max. manufacturing tolerance.
<b>Side Lobes:</b>	25 dB below main beam.
<b>Receiver:</b>	Low-noise Schottky Barrier Diode (100 mW rating).
<b>Aiming Sight:</b>	For proper setup.

## System—Operational

<b>Lamp Test:</b>	Indicates display's digit segments are operational.
<b>Accuracy Test:</b>	Automatically cross-checks the system's dual independent, quartz crystal, time base oscillators. Occurs prior to displaying target speed.
<b>Circuit Test:</b>	Displays "32" in window when speed-measuring circuitry is functioning properly.
<b>Audio:</b>	Operator-controlled circuit amplifies the true Doppler audio.
<b>Squelch/Unsquelch:</b>	Allows operator to unsquelch audio to determine level of potential interference at a particular location of operation.
<b>Range Control:</b>	Allows operator to select range for target acquisition.
<b>Target Speed Display:</b>	Seven segment, high brightness LED.
<b>Speed Range:</b>	10 to 199 mph (16 to 320 km/h).
<b>Accuracy:</b>	$\pm 1$ mph.
<b>Lock-Release:</b>	Freezes and releases the displayed target speed. On cordless model, trigger controls signal transmission and lock functions.
<b>Indicators:</b>	<b>XTL ERR</b> (Crystal Error): Lights if automatic Accuracy Test fails. Indicates crystal frequency drift or failure. <b>RFI</b> (Radio Frequency Interference): Lights when electromagnetic interference is present. No speeds displayed or locked; retains previously locked speed. <b>LO VOLT</b> (Low Voltage): Lights when voltage to the system falls below minimum operating level. No speeds displayed or locked; retains previously locked speed. <b>HOLD</b> : Lights when unit placed in non-transmit mode to defeat radar detectors. Audio automatically turned off. <b>PWR</b> (Power): Lights when unit receiving power.

<b>Fuse:</b>	2 amp fuse located in tip of power plug for ease of replacement.
<b>Construction:</b>	Single-piece unit, self-contained antenna. Cast aluminum housing with removable hood for easy access to electronic components.
<b>Power Cord:</b>	Coiled, 5 ft. (1.8m). Permanently attached to base of grip. Strain relief prevents cord damage. Fused plug for cigarette lighter or battery pack.
<b>Dimensions:</b>	Height: 8 in. (including grip) (20.32 cm) Width: 3.3 in. (8.38 cm) Length: 10 in. (25.40 cm) Weight: 3 lbs. 4 oz. (1.4 kg) 3 lbs. 5 oz. (cordless) (1.42 kg)
<b>Option:</b>	<i>Trigger-operated signal transmission.</i>

### Accessories—Included:

#### Standard and Cordless Models

- Tuning Fork: 50 mph
- Operator's Manual

#### Cordless Model

- 12 VDC Charging Plug and Cable
- 120 VAC Charger

### Accessories—Optional:

- Battery Pack: 12 Volt with 120 or 240 VAC Charger
- Carrying Case: Heavy-Duty or Soft-Sided
- Seat Holster
- Snap-In Mount
- Tripod and Tripod Mount
- Giant PR Display
- **Falcon Marine**: Knots and Tenths of Miles per Hour available

*The Falcon is included on the NHTSA/IACP Consumer Products List (CPL). In keeping with Kustom Signals' policy of continued refinement and development of its products, these specifications are subject to change without notice. Kustom Signals' warranty includes parts and labor, and warrants all components against defects in materials and workmanship. For your convenience, service can be performed by an Authorized Service Center near you, or by the Kustom Signals manufacturing facility. Lease/Finance available. For more information, a quote, or to place an order, call toll-free: 1-800-4KUSTOM (458-7866).*



**KUSTOM SIGNALS, INC.**

A SUBSIDIARY OF PUBLIC SAFETY EQUIPMENT, INC.

9325 Pflumm · Lenexa, KS 66215-3347 · 913/492-1400 · FAX 913/492-1703 · 800-458-7866 · email [ksi@gvi.net](mailto:ksi@gvi.net)

Printed in U.S.A. 9/98



# HR-12™

## Radar System Specifications

### System – General

Type:	True Doppler Radar.
Measurement:	Available in miles or kilometers per hour.
Operating Frequency:	24.15 GHz (K-band) $\pm$ 100 MHz.
Operating Temp. Range:	-22°F to +140°F (-30°C to +60°C).
Electronic Components:	100% solid state, integrated circuits, microprocessors, and transistors.
Power Requirements:	10.8 to 16.5 VDC, 1.5A maximum.
Reverse Polarity Protection:	No damage will result, due to reversal of power supply.

### System – Operations

Speed Processor:	Microprocessor automatically performs all internal speed verifications, internal crystal tests, and lamp tests.
Tests:	Upon activation, performs three tests.
Light:	Indicates displays' digit segments are operational.
Audio:	Indicates with audio Doppler signal that audio components are operational.
Internal:	Circuit test of both target and patrol readings (64 mph and km/h) cross-checks the system's dual independent quartz crystal time bases.
Accuracy Test:	Prior to locking in target speed, unit automatically compares the two quartz crystal oscillators.
Audio:	Operator-controlled circuit amplifies the true Doppler audio.
Squelch/Unsquelch:	Allows the operator to unsquelch audio to determine level of potential interference at a location of operation.
Lock Time:	Instantaneous.
Lock Release:	Trigger or remote control freezes and releases the displayed target speed.
Automatic Clear:	All displays are automatically cleared when a mode of operation changes.
Displays:	Seven-segment, high-brightness LED displays.
Indicators:	Indicators light, displays blank, previously locked speeds are retained.
RFI:	Excessive radio frequency interference present.
LO-VOLT:	Low voltage condition exists.
HOLD:	Unit placed in non-transmitting mode to defeat radar detectors. No RF transmission; audio automatically turned off.
Target Speed Accuracy:	Moving: $\pm 2$ mph ( $\pm 3$ km/h). Stationary: $\pm 1$ mph ( $\pm 2$ km/h).

### System - Operations cont'd.

Speed Range:	<b>Moving Mode:</b> Patrol speed, 15 to 80 mph 24 to 128 km/h). Maximum target speed range is a combined function of both the patrol and target, not to exceed 210 mph. Minimum target speed is one half that of the patrol speed, but not less than 15 mph. <b>Stationary Mode:</b> Target speed, 15 to 180 mph (24 to 288 km/h). Target channel sensitivity is within 10 dB for targets traveling at speeds between 35 and 90 mph (56 and 144 km/h); over a broader sensitivity range, unit typically measures targets traveling at speeds between 15 and 180 mph (24 and 288 km/h).
Construction:	Single-piece unit, self-contained antenna. Durable cast-aluminum housing. The 5 ft. (1.8m) cord is permanently attached to base of grip with a fused plug for cigarette lighter or battery pack receptacle at the opposite end.
Dimensions:	8"H (including grip) x 3.4"W x 10"L, 4.63 lbs. (20.32 x 8.64 x 25.40 cm, 2.10 kg).
<b>Antenna</b>	
Antenna Type:	Circular polarized, conical horn.
Microwave Source:	Gunn-Effect Diode.
Beam Width:	12° $\pm$ 1°.
Side Lobes:	25 dB below main beam.
Receiver:	Low-noise Schottky Barrier Diode (100 mW rating).
Range:	2500 ft. typical.
Aiming Sight:	For proper setup.
Antenna Gain:	23 dBi approximately.
Power Output:	15 mW typ., 50 mW max.
Power Density:	<5 mW/cm².

### Accessories:

#### Included:

- Remote Control with lock-release and hold
- Tuning Forks: 35 and 65 mph (45 and 80 km/h)
- 7" or 12" Dash Mount
- Operator's Manual

#### Optional:

- Battery Pack with 120 or 240 VAC Charger
- Soft-sided Carrying Case
- Heavy-duty Carrying Case
- Seat Holster
- Auxiliary Shielded Power Receptacle with Fuse

*In keeping with Kustom Signals' policy of continued refinement of its products, these specifications are subject to change without notice. Kustom Signals' warranty includes parts and labor, and warrants all components – without exception – against defects in materials and workmanship. Service can be performed by an Authorized Service Center near you, or by the Kustom Signals' manufacturing facility. Lease/Purchase available. Visit our website at [www.kustomsignals.com](http://www.kustomsignals.com) or for more information, a quote, or to place an order, call toll-free: 1-800-4KUSTOM (458-7866).*



**KUSTOM SIGNALS, INC.** 9325 Pflumm • Lenexa, KS 66215-3347 • 913/492-1400 • FAX 913/492-1703 • 800-458-7866 • [sales@kustomsignals.com](mailto:sales@kustomsignals.com)

SUBSIDIARY OF PUBLIC SAFETY EQUIPMENT INC.

Printed in U.S.A. 6/01



# PRO-1000DS™

## Traffic Safety Radar

*The affordable PRO-1000DS is downsized — a kustom fit for any size patrol vehicle.*

What's in a name? For Kustom's PRO-1000DS the name says it all: DS for downsized. Modern micro-processor and surface mount technology allows us to make the PRO1000DS, one of the smallest radar units available.

### ***Unbeatable Tracking History***

The Target Lock display allows you to lock a target speed and continue to monitor the target speed in the active Target Speed display. You'll see if the target slows down or speeds up and you'll hear the Doppler audio reinforcement. *Indisputable tracking history and target identification!*

### ***Exclusive QuikTrak™ Feature***

QuikTrak™, a Kustom Signals exclusive, is a convenient shortcut, performing two functions at once. By pressing one button, the unit comes out of Hold mode and immediately monitors speeds. Releasing the button locks a target speed and puts the unit back into Hold.

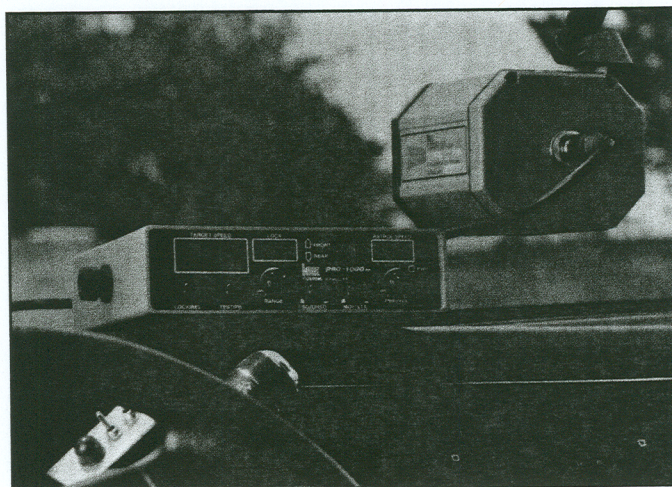
### ***Videotape Traffic Violations***

Increase conviction rates and establish "probable cause" by choosing the optional feature of interfacing the PRO-1000DS with Kustom's in-car video systems. You'll have video-taped evidence of the speed violation as it occurs, with the actual speeds superimposed onto the footage. Unbeatable!

### ***Kustom-Built to Last***

Like all Kustom radar, the PRO-1000DS meets or exceeds all federal specifications. We use only the best componentry available; that means years of accurate, trouble-free performance.

*PRO-1000DS. The convenience you want and the reliability you expect in your Kustom radar.*



For more information, call  
1-800-4KUSTOM (458-7866)  
[www.kustomsignals.com](http://www.kustomsignals.com)

First in  
traffic safety



# Display designed for ease of use and intuitive operations

**Target Speed Display** shows speed of approaching vehicle in moving mode. Shows speed of approaching or receding vehicle in stationary mode.

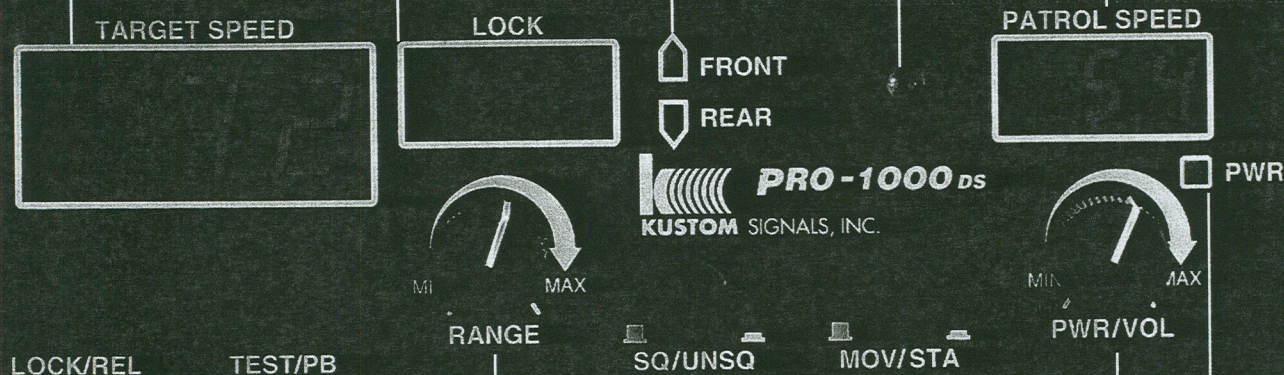
Alpha messages appear in this display to inform you of the radar's status: hold mode, low voltage, RF interference, and error.

**Target Lock Display** shows locked target vehicle speed. Allows you to lock a vehicle's speed and continue to monitor it on the Target Speed Display to establish a tracking history.

**Antenna Direction Indicators** light to show that the unit is operating from the front or rear antenna.

**Light Sensor** automatically adjusts display brightness for light conditions.

**Patrol Speed Display** shows speed of patrol vehicle in moving mode.



**Test/Patrol Blank** checks displays' digit segments and performs an internal circuit test. In moving mode, allows operator to blank the patrol speed display during lock.

**Lock-Release** freezes and releases both target and patrol speed displays. On the handheld remote, the Lock-Release also controls the QuikTrak™ function.

**Squelch Control** defeats the normally squelched audio, allowing you to determine whether interference is present and to hear what the unit sees to establish tracking history.

**Range Control** sets the distance for target acquisition, assisting in proper target identification.

**Power** lights to verify the unit is receiving power.

**Power/Volume Control** powers the system and sets the volume for the Doppler audio.

**Moving/Stationary Mode Selector** allows operator to select mode of operation.

The PRO-1000DS is included on the NHTSA/IACP Consumer Products List (CPL). In keeping with Kustom Signals' policy of continued refinement of its products, these specifications are subject to change without notice. Kustom Signals' warranty includes parts and labor, and warrants all components — without exception — against defects in materials and workmanship. Service can be performed by an Authorized Service Center near you, or by the Kustom Signals manufacturing facility. Lease/Purchase available. Visit our website at [www.kustomsignals.com](http://www.kustomsignals.com) or for more information, a quote, or to place an order, call toll-free: 1-800-4KUSTOM (458-7866).



# Talon II Radar

## *Total Flexibility*

There's never been such variety available in one radar. Need moving or stationary? A handheld or dash-mount? For use in a patrol car or on a motorcycle? Directional capabilities? Corded or cordless? Kustom Signals' Talon II combines all of these options into a compact radar that's versatile and easy to use.

## *Advanced Technology*

The Talon II series embraces the power of Digital Signal Processing (DSP). Unlike conventional radar that reads and displays only the strongest signal, the Talon II uses DSP to identify all signals. If it reads a patrol car's fan speed, it recognizes it as fan speed and reduces the amount of interference.

By using DSP technology, the Talon II can operate using enhanced performance features such as speedometer input, same direction mode and fastest vehicle mode.

## *Complete Control*

The Talon II offers the operator two different operating methods of obtaining patrol speed. First, the tested and unique TruTrak™ feature allows the DSP processor to monitor the patrol speedometer and direct the search for patrol speed around this known speed. *What makes the Talon II unique is the SMART Patrol Search (SPS) feature that makes your speed readings more accurate by eliminating patrol speed combining and shadowing.* With TruTrak™ inactive, the HOLD switch can be used to correct improper patrol speed readings. This directs the unit to look for patrol speed in another area then narrows the search window. When the unit comes out of HOLD, it searches a narrower field for the patrol speed.

## *Enhanced Design*

The Talon II has been designed using the most proven performance features of radar while incorporating valued input from law enforcement professionals worldwide.

Surface Mount Technology along with new DSP software, enhances the performance of the unit. *One new feature of the Talon II is its ability to be operated with the handle on in the moving mode or with the handle off, using the optional POD.*

In addition, this unit has a menu function which allows the operator to select different operating modes, such as toggle on/off or push and hold of the optional fastest vehicle mode. *The new menu feature: stationary mode, track-after-lock, allows the officer to continue tracking a target after releasing the trigger to lock the speed.*



*The Talon II can be mounted with or without the handle on making it quick and easy to switch from moving mode to stationary mode.*

The unit will lock in the target speed and continuing transmitting up to 5 seconds for additional tracking history. At the end of the 5-second time-out period, the unit will shut off automatically and discontinue transmitting.

For easier viewing, the Talon's display panel features a unique backlight that eliminates bright lights around the edges and provides a high-contrast ratio in direct sunlight. The active matrix LCD provides off-axis viewing, resulting in a wider degree of readability than traditional LCD displays. New technology uses fluids which enable the LCD to operate in extreme hot and cold temperature ranges.

A one-piece housing construction and an elongated o-ring allow the Talon II to operate in most weather conditions. Additionally, sealed, elastomeric switches provide longer life while offering superior tactile feedback — a reassuring feature when operating in a variety of modes without a remote control.

The Talon II can be ordered with an optional high-performance Nickel Metal Hydride battery. The battery's advanced chemistry allows safe charging, use in more extreme temperature ranges, a longer shelf life and freedom from memory charging problems associated with traditional Ni-Cad batteries. Longer battery life and reduced charging times mean less down time and more operating time.



# New! Directional Capabilities

## *Directional Talon*

### **New innovative technology for improved performance**

Many of the operational anomalies of moving mode radar have been eliminated in the Directional Talon. With a new antenna design, the unit has longer targeting range, ability to select approaching or receding targets only, elimination of EMI and RFI concerns and greatly reduced patrol speed combining and shadowing.

### **Simple, easy operation with less controls**

As with the entire Talon II series, this unit has TruTrak and Smart Search patrol speed software, but with the new antenna and directional capability, it eliminates the need for the "slower" button.

### **Take the guesswork out of vehicle tracking**

While in moving, same direction mode, the operator can monitor both the strongest target signal and the highest speed signal. For example, the strongest signal can be a large vehicle slowing down or exiting the roadway as a high-speed vehicle appears. The added same direction fastest mode feature eliminates these target discrimination problems and provides accurate speed readings.

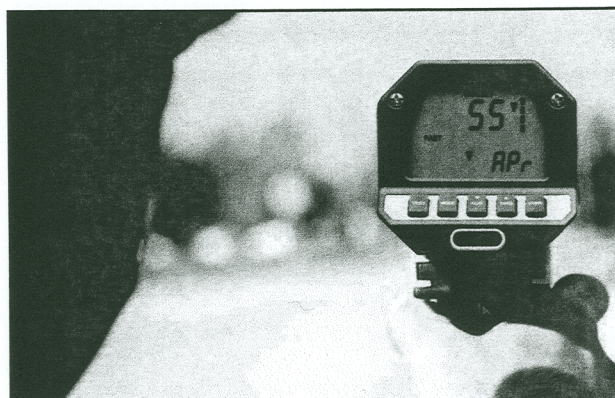
In the stationary mode, the Directional Talon offers three modes of operation. ALL mode, tells the operator the direction of the target signal on the display with roadway arrows and includes the fastest mode of operation. If the operator only wants to monitor approaching targets, APR can be selected, and the unit will ignore receding targets. Likewise, if receding targets are to be monitored, REC would be selected and all approaching targets would be ignored. In each of these modes, fastest operation will be maintained, making the advanced features and capabilities easy for all operator's to use.

**For more information, call 1-800-458-7866  
or visit [www.kustomsignals.com](http://www.kustomsignals.com)**

## **FEATURES/OPTIONS**

	<b>Talon II Moving/ Stationary</b>	<b>Talon II Stationary Only</b>	<b>Directional Talon</b>
Corded Removable Handle	S	S	S
Cordless Battery Handle	O	O	O
with Charger			
Docking Module	O	O	S
with RS232 Data Port			
Dash Mount w/Bracket	S	O	S
Backlit Remote Control	S	O	S
TruTrak Speedometer Input	S	n/a	S
SMART Patrol Search	S	n/a	S
Fastest Vehicle Mode	O	O	S
Same Direction Mode	O	n/a	S
Fan Noise Defeat	S	S	S
Internal Circuit Test	S	S	S
Harmonic Detection	S	n/a	S
Patrol Speed Blank	S	n/a	S
RF Hold	S	S	S
Target Speed Lock	S	S	S
Digital Range Control	S	S	S
Audio & Squelch Control	S	S	S
Automatic Same Direction	n/a	n/a	S
Direction Selection	n/a	n/a	S

**S** = Standard  
**O** = Optional  
**n/a** = Not Applicable



**KUSTOM SIGNALS, INC.**

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**PRICING SHEETS**

**Master Agreement – E194-305-1**  
**Vendor - Decatur Electronics, Inc.**

**COMMODITY INFORMATION**

**DESCRIPTION: SURVEILLANCE AND COUNTER SURVEILLANCE EQUIPMENT AND SUPPLIES.**

**Line Item #: 1**

**Commodity #: 68087**

Extended Description: Traffic Radar, Decatur Electronics Genesis I Model GI-KDB. Price to include all items required for normal operation, tuning forks, carrying case and mounts. Two (2) year warranty.

**Unit: Each**

**Unit Price: \$975.00**

**Line Item #: 2**

**Commodity #: 68087**

Extended Description: Traffic Radar, Decatur Electronics Genesis GHD. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers. Two (2) year warranty.

**Unit: Each**

**Unit Price: \$544.00**

**Line Item #: 3**

**Commodity #: 68087**

Extended Description: Traffic Radar, Decatur Electronics Genesis II Model GIIS KADB Select. Price to include all items required for normal operation, tuning forks, carrying case and mounts. Two (2) year warranty.

**Unit: Each**

**Unit Price: \$1,218.00**

**Line Item #: 4**

**Commodity #: 68087**

Extended Description: Traffic Radar, Decatur Electronics Genesis II Model GIID-KDB Directional. Price to include all items required for normal operation, tuning forks, carrying case and mounts. Two (2) year warranty.

**Unit: Each**

**Unit Price: \$1,322.00**

PRICING SHEETS - continued

**Line Item #: 5**

Commodity #: 68087

Extended Description: Traffic Radar, Decatur Electronics Genesis Model GVP. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack and chargers. Two (2) year warranty.

Unit: Each

**Unit Price: \$888.00**

**Line Item #: 6**

Commodity #: 68087

Extended Description: Traffic Radar, Decatur Electronics Genesis VP Directional Model GVP-D. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack and chargers. Three (3) year warranty.

Unit: Each

**Unit Price: \$988.00**

**Line Item #: 7**

Commodity #: 68087

Extended Description: Traffic Radar, Decatur Electronics Speed Trak Model GIIIM. Price to include all items required for normal operation, tuning forks, carrying case and mounts. Specify Antenna K or KA. Three (3) year warranty.

Unit: Each

**Unit Price: \$1,299.00**

**PRICING SHEETS**

**Master Agreement – E194-306-1**

**Vendor - MPH Industries, Inc.**

**COMMODITY INFORMATION**

**DESCRIPTION: SURVEILLANCE AND COUNTER SURVEILLANCE EQUIPMENT AND SUPPLIES.**

**Line Item #: 1**

**Commodity #: 68087**

Extended Description: Traffic Radar, MPH Industries BEE III. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit: Each**

**Unit Price: \$1,940.00**

**Line Item #: 2**

**Commodity #: 68087**

Extended Description: Traffic Radar, MPH Industries Python Series III. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit: Each**

**Unit Price: \$1,240.00**

**Line Item #: 3**

**Commodity #: 68087**

Extended Description: Traffic Radar, MPH Industries Python III. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit: Each**

**Unit Price: \$1,040.00**

**Line Item #: 4**

**Commodity #: 68087**

Extended Description: Traffic Radar, MPH Industries Speedgun. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit: Each**

**Unit Price: \$1,374.00**

PRICING SHEETS - continued

**Line Item #: 5**

**Commodity #:** 68087

Extended Description: Traffic Radar, MPH Industries Z-15. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$849.00

**Line Item #: 6**

**Commodity #:** 68087

Extended Description: Traffic Radar, MPH Industries Z-25. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,049.00

**Line Item #: 7**

**Commodity #:** 68087

Extended Description: Traffic Radar, MPH Industries Z-35. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,226.00

**Line Item #: 8**

**Commodity #:** 68087

Extended Description: Traffic Radar, MPH Industries Enforcer. Price to include all items required for normal operation, tuning forks, carrying case, spare battery pack, mounts and chargers.

**Unit:** Each

**Unit Price:** \$1,394.00



**TAXES:** Sales to the Commonwealth of Virginia are normally exempt from State sales tax. State sales and use tax certificates of exemption, Form ST-12, will be issued upon request. Deliveries against this contract shall usually be free of Federal excise and transportation taxes. The Commonwealth's excise tax exemption registration number is 54-73-0076K.

**eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION:** The eVA Internet electronic procurement solution, web site portal [www.eva.state.va.us](http://www.eva.state.va.us), streamlines and automates government purchasing activities in the Commonwealth. The portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution either through the eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service. All bidders or offerors must register in eVA; failure to register will result in the bid/proposal being rejected. a.) eVA Basic Vendor Registration Service: \$25 Annual Fee plus a Transaction Fee of 1% per order received. The maximum transaction fee is \$500 per order. eVA Basic Vendor Registration Service includes electronic order receipt, vendor catalog posting, on-line registration, and electronic bidding. b.) eVA Premium Vendor Registration Service: \$200 Annual Fee plus a Transaction Fee of 1% per order received. The maximum transaction fee is \$500 per order. eVA Premium Vendor Registration Service includes all benefits of the eVA Basic Vendor Registration Service plus automatic email or fax notification of solicitations and amendments, and ability to research historical procurement data, as they become available.

**AUDIT:** The contractor shall retain all books, records, and other documents relative to this contract for five (5) years after final payment, or until audited by the Commonwealth of Virginia, whichever is sooner. The agency, its authorized agents, and/or state auditors shall have full access to and the right to examine any of said materials during said period.

**QUANTITIES:** Quantities set forth in this solicitation are estimates only, and the contractor shall supply at bid prices actual quantities as ordered, regardless of whether such total quantities are more or less than those shown.

**eVA BUSINESS-TO-GOVERNMENT CONTRACTS & ORDERS:** The contract will result in ( ) eVA purchase order(s) with the 1% eVA transaction fee capped at \$500 per order. The eVA transaction fee will be assessed approx. 30 days after each purchase order is issued. Any adjustments (increases/decreases) will be handled through eVA change orders. eVA the Internet electronic procurement solution, web site portal streamlines & automates government purchasing activities in the Commonwealth. The portal is the gateway for vendors to conduct business with state agencies & public bodies. Vendors desiring to provide goods &/or services to the Commonwealth shall participate in the eVA Internet e procurement solution & agree to comply with the following: If this solicitation is for a term contract, failure to comply with the requirements in a. & b. below will be just cause for the Commonwealth to reject your bid/offer or terminate this contract for default. a.) Submit a fully executed AMS Trading Partner Agreement, which can be downloaded from [www.eva.state.va.us](http://www.eva.state.va.us). AMS is the Commonwealth's service provider to implement & host the eVA e-procurement solution. b.) Provide an electronic catalog (price list) or index page catalog for items awarded under a term contract. The format of this catalog shall conform to the eVA Catalog Interchange Format (CIF) Specification that can be downloaded from [www.eva.state.va.us](http://www.eva.state.va.us). Contractors should e-mail Catalog or Index Page to [eva-catalog-manager@dgs.virginia.gov](mailto:eva-catalog-manager@dgs.virginia.gov).

**NEW PRODUCTS:** Unless otherwise expressly stated in this solicitation, all equipment furnished under the contract shall be new, unused equipment. All software provided under the contract shall be the latest version available to the general public as of the due date of this solicitation.

**WARRANTY AND SERVICE:** The Contractor shall fully warrant all products to be free of defects in materials and workmanship for a minimum period of TWO YEARS from the date of delivery to the ordering Agency or Public Body. This warranty shall cover all parts and labor. All shipping charges (both ways) shall be at the expense of the Contractor for the first 90 days after delivery to the ordering Agency or Public Body. Thereafter, shipping charges from the Agency or Public Body to the Contractor will be at the expense of the Agency or Public Body. Return shipping charges from the Contractor to the Agency or Public Body shall be at the sole expense of the Contractor.

**PURCHASE VOLUME REPORT:** The Contractor shall furnish the Division of Purchases and Supply reports of the total dollar volume of purchases made under this contract and the total number of each contract item ordered under this contract in accordance with the following schedule: For contracts of one year, the Contractor shall furnish a report listing the purchases made in the first nine months of the contract.

**ORDERING OPTION:** For orders of ten (10) or more traffic radar units with delivery to the same agency, the Commonwealth reserves the right to issue separate solicitations for such units.

**PRICE ESCALATION/DEESCALATION:** Price adjustments may be permitted only for changes in the Contractor's cost of materials not to exceed the increase in the following index/indices: Producer's Price Index, Table 5, Product Code 3669-213. No price increases will be authorized for 365 calendar days after the effective date of the contract. Price escalation may be permitted only at the end of this period and each 365 days thereafter and only where verified to the satisfaction of the purchasing office. However, "across the board" price decreases are subject to implementation at any time and shall be immediately conveyed to the Commonwealth.

**OPERATING INSTRUCTIONS AND SPECIFICATION (SERVICE REPAIR) MANUAL:** The Contractor shall furnish a complete set of operating instructions and a copy of all warranties with each unit. When requested by the Department of State Police or the Division of Purchases and Supply, the Contractor shall furnish service and repair manuals with complete technical specifications, schematic diagrams, parts list, and troubleshooting guide at no additional charge.

**EXPERT TESTIMONY:** The Contractor shall provide expert testimony by the appropriate qualified personnel at the request of the ordering Agency. Such testimony shall be at no additional charge.

**REFRESHER COURSE AND FOLLOW-UP:** After the familiarization training course, the Contractor shall provide follow-up service, at no additional cost, within 60 to 120 calendar days to each ordering agency in order to detect and correct any possible improper use or misunderstanding of the radar unit. Any such follow-up and refresher course shall be mutually agreed upon between the Contractor and the User.

**DELIVERY POINT:** Except when otherwise specified herein, all items shall be F.O.B. Delivered to any point within the Commonwealth of Virginia as directed by ordering department, institution or agency of the Commonwealth or Public bodies of the Commonwealth as defined in Section 11-37 of the Virginia Public Procurement Act.

**TRAINING OF QUALIFIED INSTRUCTORS:** The Contractor shall provide familiarization training for new equipment to qualified instructors and to instructor training schools at the request of the Department of Criminal Justice Services and/or DGS/DPS. Such training shall be at no additional charge.

**FAMILIARIZATION TRAINING:** The Contractor shall provide, at no additional cost, familiarization training courses (two-hour minimum per course) at the User's location in the proper operation of the traffic radar model purchased, at a reasonable time and place to be mutually agreed upon with the User. The familiarization-training courses will be on a "as needed" basis.

**QUALIFIED REPAIR PERSONNEL:** All warranty or maintenance services to be performed on the items specified in this solicitation as well as any associated hardware or software shall be performed by qualified technicians properly authorized by the manufacturer to perform such services. The Commonwealth reserves the right to require proof of certification prior to award and at any time during the term of the contract.

**PRICE ESCALATION/DEESCALATION:** Contractor shall give not less than 30 days advance notice of any price increase to the purchasing office. Any approved price changes will be effective only at the beginning of the calendar month following the end of the full 30 day notification period. The Contractor shall document the amount and proposed effective date of any general change in the price of materials. Documentation shall be supplied with the Contractor's request for increase which will: (1) verify that the requested price increase is general in scope and not applicable just to the Commonwealth of Virginia; and (2) verify the amount or percentage of increase which is being passed on to the Contractor by the Contractor's suppliers. The purchasing office will notify the using agencies and Contractor in writing of the effective date of any increase which it approves. However, the Contractor shall fill all purchase orders received prior to the effective date of the price adjustment at the old contract prices. The Contractor is further advised that decreases which affect the cost of materials are required to be communicated immediately to the purchasing office.

**CATALOGS:** Upon request, the contractor shall furnish catalogs and price lists for items awarded directly to using agencies.

**PRODUCT AVAILABILITY:** Substitution of a product, brand or manufacturer after award of contract is expressly prohibited unless approved in writing by the Division of Purchases and Supply. The Commonwealth may, at its discretion, require the contractor to provide a substitute item of equal quality, subject to the approval by the Commonwealth, for the same price, if the product for which the contract was awarded becomes unavailable to the contractor.

**OPERATIONAL COMPONENTS:** Unless otherwise requested in the solicitation, stated equipment prices shall include all cables, connectors, interfaces, documentation for all components, and any other items necessary for full systems operation at the user site.

**RENEWAL OF CONTRACT:** This contract may be renewed by the Commonwealth upon written agreement of both parties for four (4) successive one-year periods, under the terms of the current contract, and at a reasonable time (approximately 90 days) prior to the expiration.

**REPAIR PARTS:** In the event that the performance of maintenance services under the contract results in a need to replace defective parts, such items may only be replaced by new parts. In no instance shall the contractor be permitted to replace defective items with refurbished, remanufactured, or surplus items without prior written authorization of the Commonwealth.